

## ABSTRACT OF THE DISCLOSURE

Disclosed is a method for determining a paging alert mode of a mobile terminal in a mobile communication system. The mobile terminal determines whether there exists a sub-BTS, depending on a broadcasting channel message provided in a cell formed by a main BTS. When the sub-BTS exists, the mobile terminal monitors receipt of a beacon paging group frame from the sub-BTS, and upon receipt of the beacon paging group frame, changes the paging alert mode to a predetermined paging alert mode.

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